

APPENDIX A:
Illustrations Of Foot Controls in B11.3-1973

AMERICAN NATIONAL STANDARD B11.3-1973

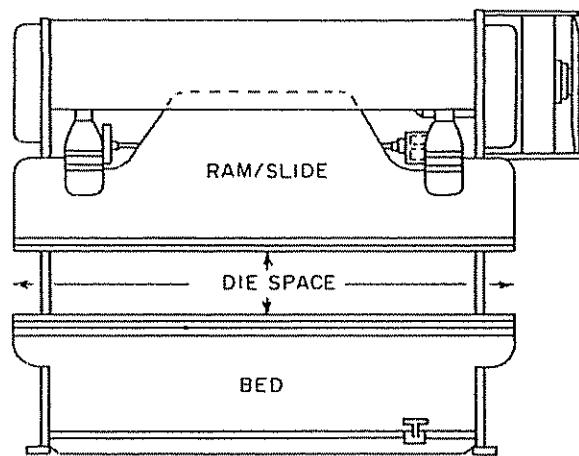


Illustration 1
Typical Mechanical Press Brake

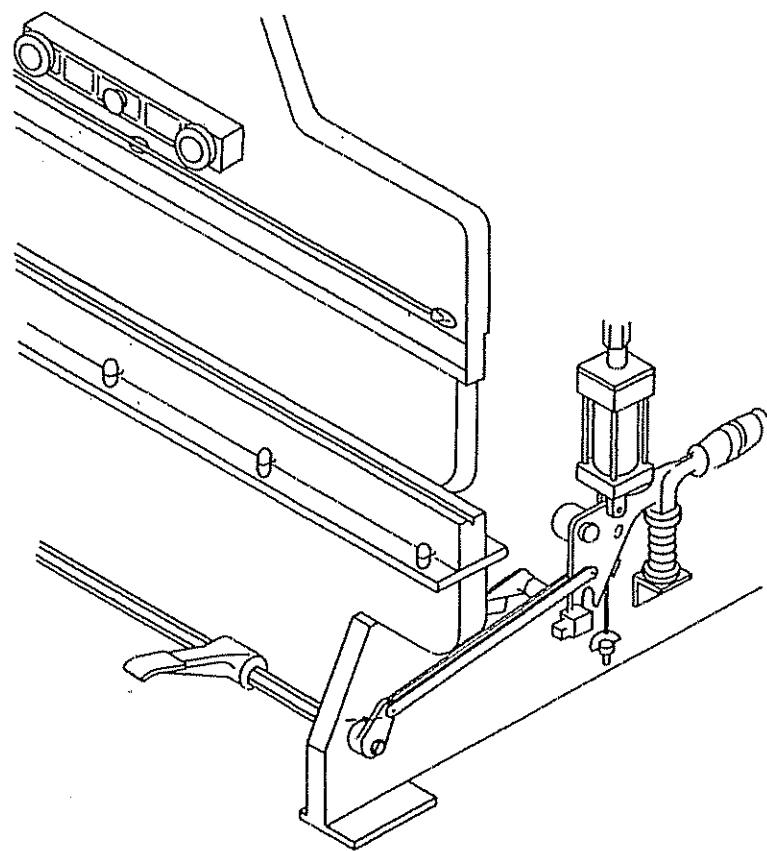


Illustration 3
Example of Special-Purpose Mechanical Press Brake That Incorporates
Use of Either Two-Hand Controls or Foot Pedal for One Operator

E 3.31 Housing

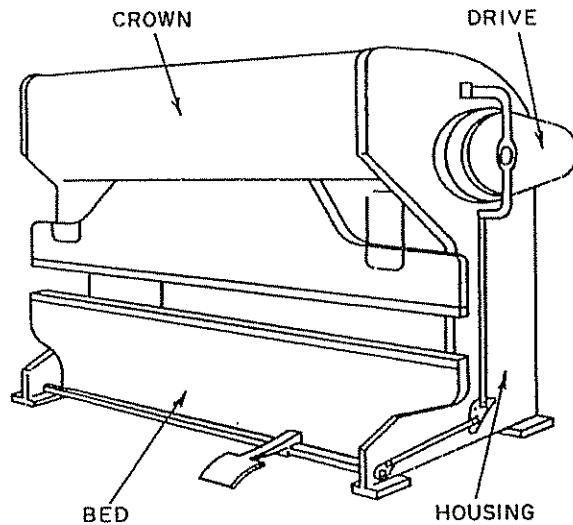
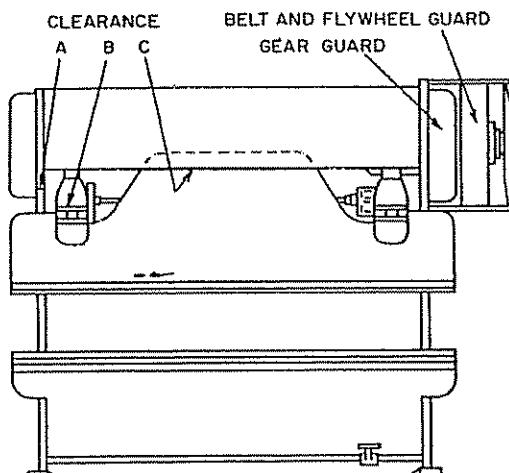


Illustration 12
Typical Press Brake Showing Housing

E 4.2 Mechanical Press Brake



NOTE: Hazards can be eliminated by design clearances at A (hand), B (finger), and C (hand and arm). Gears, belts, and flywheels are enclosed by cover guards.

Illustration 13
Mechanical Press-Brake Safeguards

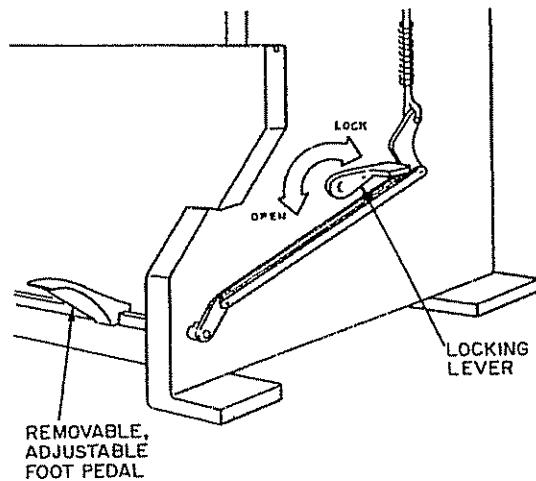


Illustration 14
Typical Locking Lever on Foot-Pedal Control

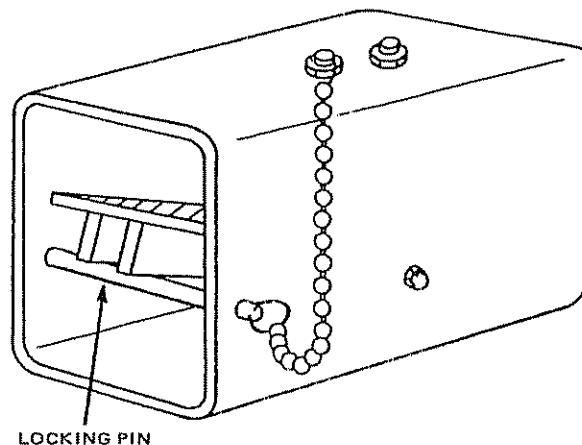
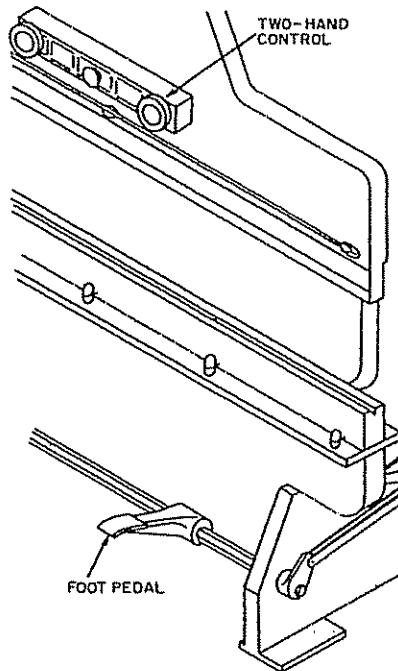


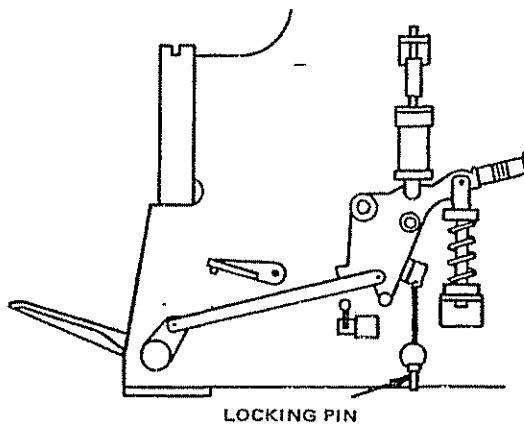
Illustration 15
Mechanical Locking Pin in Place in Foot-Control
Stirrup Guard

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NOTE: One independent control system is a single foot pedal and the other is a two-hand operator control station.

Illustration 23
Example of Press Brake with Two Types
of Independent Control Systems



NOTE: Air cylinder has been compressed so it becomes part of clutch-control activating mechanism. Also the locking pin, an integral part of the air-cylinder mode of operation, has been removed from its normal position and is hanging free. This allows only one of the two systems to operate at a time.

Illustration 24
Example of One Arrangement that Can Be Used to
Deactivate Two-Hand Operator Control Station
and Allow Use of Foot Pedal